

<u>∞</u>

8

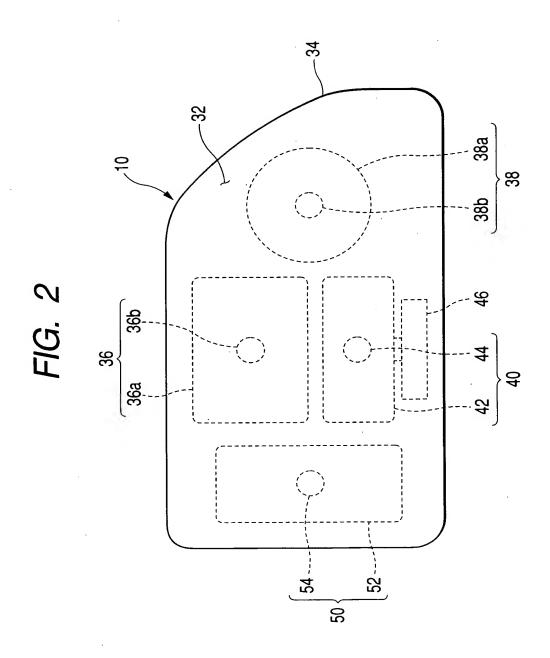
7

Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 1 of 13

BEAM SWITCHIN CIRCUIT 9 46 96 STEERING ANGLE SENSOR 50 VEHICLE SPEED SENSOR BEAM CHANGEOVER SWITCH BLINKER OPERATION SWITCH

2

Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 2 of 13
2 / 13



Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 3 of 13

FIG. 3

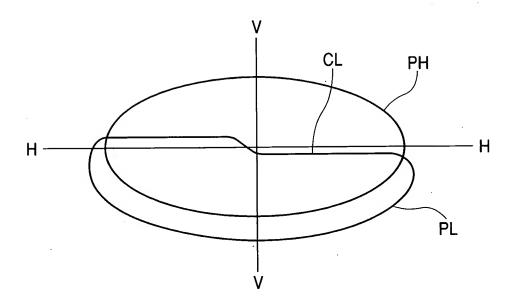
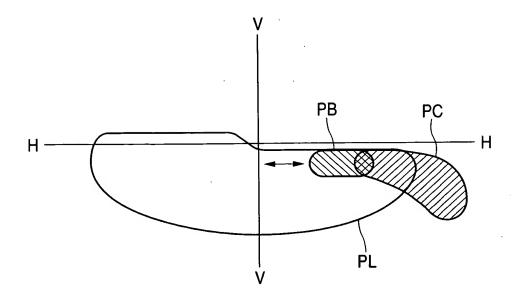


FIG. 4



Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 4 of 13

FIG. 5A

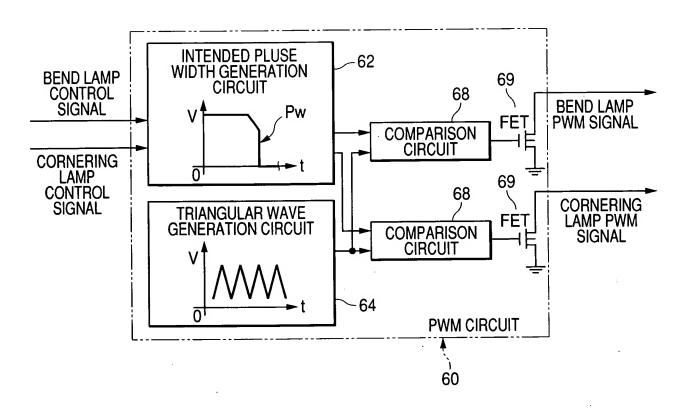
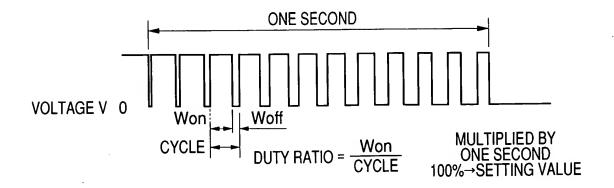
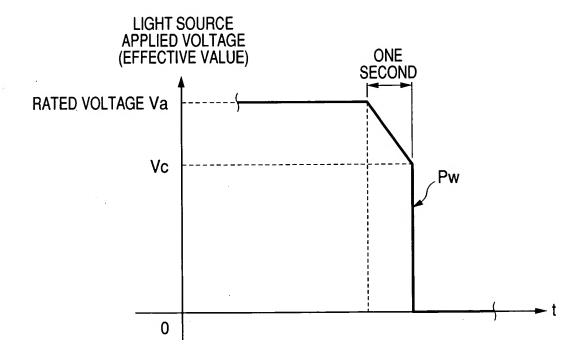


FIG. 5B

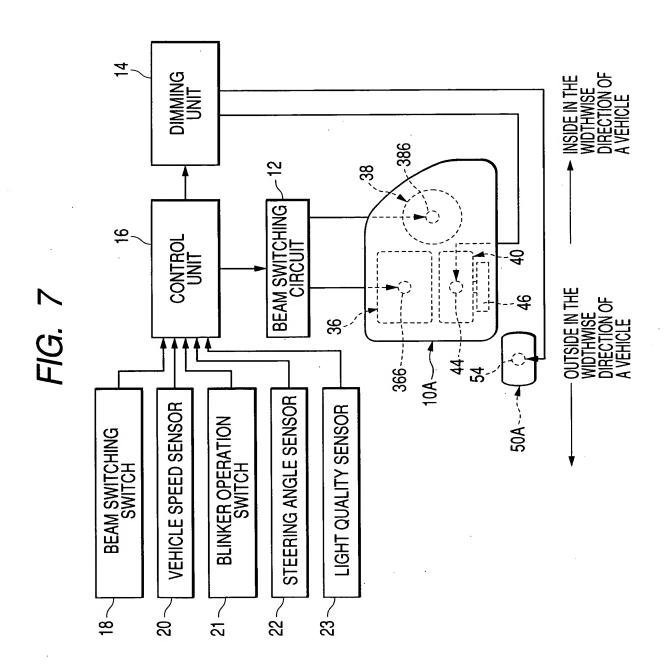


Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 5 of 13

FIG. 6

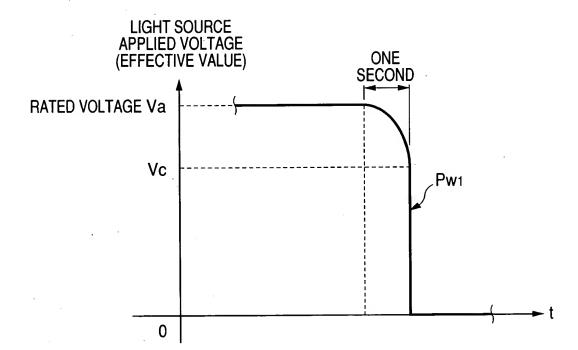


Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 6 of 13



Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 7 of 13

FIG. 8



Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 8 of 13

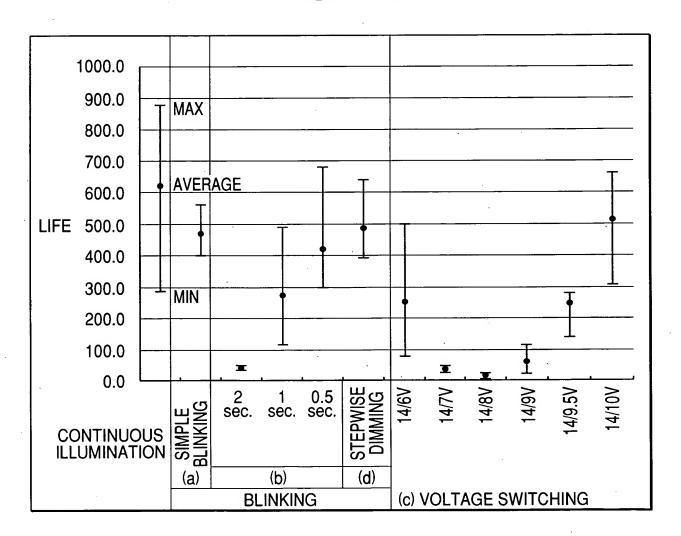
8/13

	LIGHTING REQUIRE		IREMENT	AVERAGE	MAX	MIN	DEFORMATION OF FILAMENT
	CONTINOUS ILLUMINATION	13	MINATION	619.6	878.8	287.6	NONE
	(a)	2	(a) NO DIMMING	470.1	529.5	4007	NONE
	,		2sec.	41.6	50.4	33.2	DEFORMED
BLINKING	DIMMING		(b) 1sec.	274.8	490.1	114.7	DEFORMED
	PXTINCTION		0.5sec.	420.2	679.2	298.8	DEFORMED
		(D)	STOPWISE DIMMING	486.6	638.5	393.3	NONE
			14/6V	254.3	499.0	9.62	DEFORMED
			14/7V	38.9	49.9	26.7	DEFORMED
	VOLTAGE		14/8V	18.9	25.7	6.2	DEFORMED
S (2)	(C) SWITCHING		14/9V	62.6	116.6	24.1	DEFORMED
			14/9.5V	250.0	280.0	138.9	SLIGHTLY DEFORMED
			14/10V	514.5	0.799	308.5	NONE AT THIS TIME

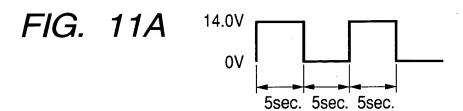
FIG. 9

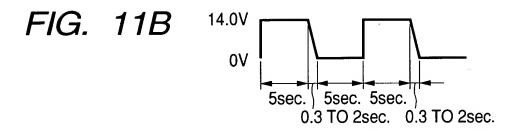
Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 9 of 13
9 / 13

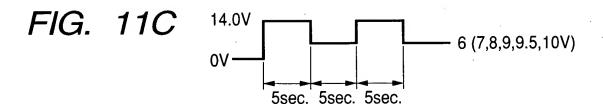
FIG. 10

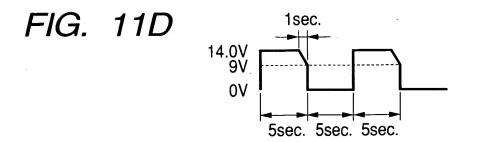


Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 10 of 13









Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 11 of 13
11 / 13

FIG. 12A

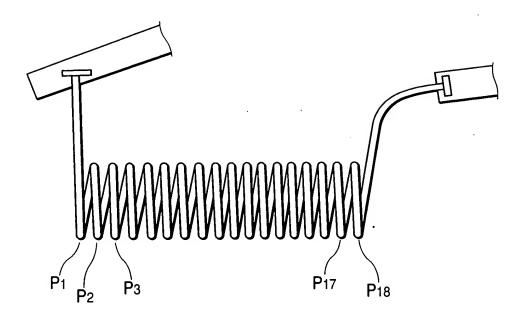
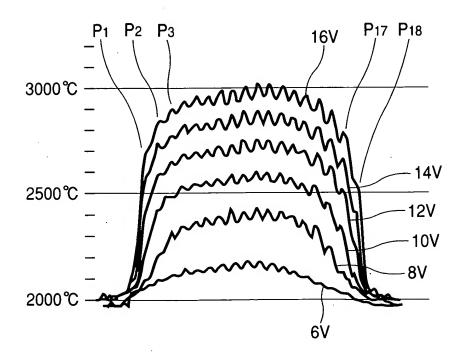


FIG. 12B



Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 12 of 13
12 / 13

FIG. 13A

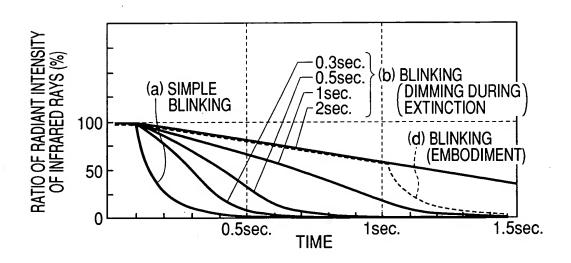
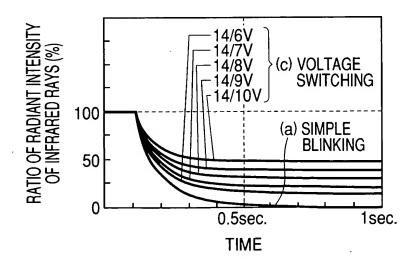


FIG. 13B



Inventor: Yasuyoshi NUMAJIRI, et al.
Application No.: 10/797,110
Group Art Unit: not yet assigned
Filing Date: March 11, 2004
SUGHRUE Reference No.: Q80389
SUGHRUE Telephone No.: 202-293-7060
Sheet 13 of 13

13/13

FIG. 14B